


PILE EXTENSION FOR HEAVY SERIES STRUCTURES

NOTES:

1. EXISTING CONDUITS NOT SHOWN IN PILE EXTENSION DETAILS FOR CLARITY
2. EXTEND CONDUITS THROUGH NEW CONCRETE AS REQUIRED
3. CLEAN EXPOSED CONCRETE SURFACE, EXISTING ANCHOR BOLTS AND REBAR BY SANDBLASTING OR POWER BRUSHING AS APPROVED BY THE ENGINEER
4. APPLY CONCRETE CURE & PROTECTION SYSTEM ON VERTICAL SURFACES AND GROUT PAD
5. INCREASE DEPTH OF PILE EXTENSION TO 600mm BELOW GRADE AT LOCATIONS WHERE NEW CONDUITS ARE TO BE INSTALLED - ADD ADDITIONAL 10M TIES AT 300mm SPACING
6. FIELD MEASURE EXISTING ANCHOR BOLTS PRIOR TO ORDERING COUPLINGS AND EXTENSIONS
7. REMOVAL, TEMPORARY STORAGE AND REINSTALLATION OF EXISTING STRUCTURE, INCLUDING RELATED ELECTRICAL WORK, BY THE DEPARTMENT OF HIGHWAYS UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS INDICATED OTHERWISE

REVISIONS	DATE	DESCRIPTION	BY
02-07		BLOCK	REVISED

Manitoba 
 Infrastructure and
 Transportation
 TRAFFIC ENGINEERING

TYPICAL STANDARD FOUNDATIONS
 PILE EXTENSION DETAIL
 FOR HEAVY SERIES STRUCTURES

ORIGINAL
 APPROVED BY: LUCIEN GAGNON

SCALE: N.T.S.
 DATE: MAY/02
 PREP. BY: M.W.S.
 E-002a